GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 9, 2004, 13:25:20 ; Search time 32 Seconds
(without alignments)
327.502 Million cell updates/sec

Title: US-09-869-566-5
Perfect score: 1059
Sequence: 1 MSALLILALVGAAVADYKDD.....IEFSFQPVCKAEMSPSEVSD 203

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	895	84.5	218	4	US-09-293-625-2	Sequence 2, Appli
2	895	84.5	218	4	US-09-398-412B-4	Sequence 4, Appli
3	863.5	81.5	218	4	US-09-398-412B-2	Sequence 2, Appli
4	702	66.3	167	3	US-09-128-155-7	Sequence 7, Appli
5	702	66.3	178	3	US-09-128-155-2	Sequence 2, Appli
6	695	65.6	136	3	US-09-128-155-11	Sequence 11, Appl
7	623	58.8	115	3	US-09-128-155-5	Sequence 5, Appli
8	623	58.8	115	3	US-09-128-155-9	Sequence 9, Appli
9	623	58.8	115	3	US-09-128-155-13	Sequence 13, Appl
10	473.5	44.7	185	3	US-09-128-155-18	Sequence 18, Appl
11	229.5	21.7	169	2	US-08-790-032-2	Sequence 2, Appli
12	229.5	21.7	169	3	US-09-069-619-2	Sequence 2, Appli
13	229.5	21.7	169	4	US-09-494-018-2	Sequence 2, Appli
14	229.5	21.7	169	4	US-09-398-412B-15	Sequence 15, Appl
15	191.5	18.1	156	4	US-09-398-412B-13	Sequence 13, Appl
16	174.5	16.5	155	3	US-09-417-455-5	Sequence 5, Appli
17	174.5	16.5	155	4	US-09-348-942-5	Sequence 5, Appli
18	174.5	16.5	155	4	US-09-316-081-5	Sequence 5, Appli
19	174.5	16.5	155	4	US-09-578-458-5	Sequence 5, Appli
20	174.5	16.5	155	4	US-09-522-964A-5	Sequence 5, Appli
21	174.5	16.5	155	4	US-09-457-626-5	Sequence 5, Appli
22	174.5	16.5	155	4	US-09-576-008-5	Sequence 5, Appli
23	171	16.1	160	4	US-09-398-412B-14	Sequence 14, Appl
24	167	15.8	178	3	US-09-000-630C-21	Sequence 21, Appl
25	167	15.8	178	3	US-08-862-730C-21	Sequence 21, Appl
26	167	15.8	178	3	US-09-417-455-9	Sequence 9, Appli
27	167	15.8	178	4	US-09-348-942-9	Sequence 9, Appli
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29	167	15.8	178	4	US-09-576-008-9	Sequence 9, Appli
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31	161	15.2	180	1	US-08-476-860-13	Sequence 13, Appl
32	161	15.2	180	2	US-08-910-733-13	Sequence 13, Appl
33	161	15.2	180	2	US-08-910-884-13	Sequence 13, Appl
34	158.5	15.0	159	1	US-08-459-811-2	Sequence 2, Appli
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37	158.5	15.0	159	2	US-08-459-814-2	Sequence 2, Appli
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39	158.5	15.0	159	2	US-08-471-227-3	Sequence 3, Appli
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42	158.5	15.0	159	3	US-09-417-455-14	Sequence 14, Appl
43	158.5	15.0	159	4	US-09-348-942-14	Sequence 14, Appl
44	158.5	15.0	159	4	US-09-316-081-9	Sequence 9, Appli
45	158.5	15.0	159	4	US-09-578-458-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-09-293-625-2
; Sequence 2, Application US/09293625
; Patent No. 6342371
; GENERAL INFORMATION:
; APPLICANT: Young, Peter R.
; APPLICANT: McDonnell, Peter C
; TITLE OF INVENTION: INTERLEUKIN-1 HOMOLOGUE, IL-1H4
; FILE REFERENCE: GP-70607
; CURRENT APPLICATION NUMBER: US/09/293,625
; CURRENT FILING DATE: 1999-04-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 218
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-293-625-2

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Best Local Similarity 100.0%; Pred. No. 9.4e-97;
Matches 169; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
US-09-398-412B-4
; Sequence 4, Application US/09398412B
; Patent No. 6680380
; GENERAL INFORMATION:
; APPLICANT: Timans, Jacqueline C.
; TITLE OF INVENTION: Nucleic acids encoding mammalian interleukin-1zeta, related reag
; TITLE OF INVENTION: methods
; FILE REFERENCE: DX0904K
; CURRENT APPLICATION NUMBER: US/09/398,412B
; CURRENT FILING DATE: 1999-09-17
; PRIOR APPLICATION NUMBER: US 60/100948
; PRIOR FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 15

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;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
;   LENGTH: 218
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-398-412B-4

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; Sequence 2, Application US/09398412B
; Patent No. 6680380
; GENERAL INFORMATION:
;  APPLICANT: Timans, Jacqueline C.
;  TITLE OF INVENTION: Nucleic acids encoding mammalian interleukin-1zeta, related reage
;  TITLE OF INVENTION:  methods
;  FILE REFERENCE: DX0904K
;  CURRENT APPLICATION NUMBER: US/09/398,412B
;  CURRENT FILING DATE:  1999-09-17
;  PRIOR APPLICATION NUMBER: US 60/100948
;  PRIOR FILING DATE: 1998-09-18
;  NUMBER OF SEQ ID NOS: 15
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;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-398-412B-2

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Qy        121 KKEKLMKLAAQKESARRPFIFYRAQVGSWNMLESAAHPGWFICTSCNCNEPVGVTDKFEN 180
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RESULT 4
US-09-128-155-7
; Sequence 7, Application US/09128155
; Patent No. 6117654
; GENERAL INFORMATION:
;  APPLICANT: Pan, Yang
;  TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
;  TITLE OF INVENTION: AND USES THEREOF
;  FILE REFERENCE: 09404/052001
;  CURRENT APPLICATION NUMBER: US/09/128,155
;  CURRENT FILING DATE: 1998-08-03
;  EARLIER APPLICATION NUMBER: US 60/091,650
;  EARLIER FILING DATE: 1998-07-02
;  EARLIER APPLICATION NUMBER: US 60/054,646
;  EARLIER FILING DATE: 1997-08-04
;  NUMBER OF SEQ ID NOS: 18
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 7
;   LENGTH: 167
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-128-155-7

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Qy        124 KLMKLAAQKESARRPFIFYRAQVGSWNMLESAAHPGWFICTSCNCNEPVGVTDKFENRKH 183
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Qy        184 IEFSFQPVCKAEMSPSEVSD 203
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RESULT 5
US-09-128-155-2
; Sequence 2, Application US/09128155
; Patent No. 6117654
; GENERAL INFORMATION:
;  APPLICANT: Pan, Yang
;  TITLE OF INVENTION: NOVEL MOLECULES OF TANGO-77 RELATED PROTEIN FAMILY
;  TITLE OF INVENTION: AND USES THEREOF
;  FILE REFERENCE: 09404/052001
;  CURRENT APPLICATION NUMBER: US/09/128,155
;  CURRENT FILING DATE: 1998-08-03
;  EARLIER APPLICATION NUMBER: US 60/091,650
;  EARLIER FILING DATE: 1998-07-02
;  EARLIER APPLICATION NUMBER: US 60/054,646
;  EARLIER FILING DATE: 1997-08-04
;  NUMBER OF SEQ ID NOS: 18
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; SEQ ID NO 2
;   LENGTH: 178
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-128-155-2

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Qy        124 KLMKLAAQKESARRPFIFYRAQVGSWNMLESAAHPGWFICTSCNCNEPVGVTDKFENRKH 183
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Qy        184 IEFSFQPVCKAEMSPSEVSD 203
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Db        159 IEFSFQPVCKAEMSPSEVSD 178
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Mon

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 9, 2004, 13:23:09 ; Search time 48 Seconds
(without alignments)
1356.250 Million cell updates/sec

Title: US-09-869-566-5
Perfect score: 1059
Sequence: 1 MSALLILALVGAAVADYKDD.....IEFSFQPVCKAEMSPSEVSD 203

Scoring table: BLOSUM62
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Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	902	85.2	197	10	US-09-876-790-9	Sequence 9, Appli
4	895	84.5	198	9	US-09-788-963-6	Sequence 6, Appli
5	895	84.5	218	9	US-09-788-963-2	Sequence 2, Appli
6	895	84.5	218	10	US-09-876-790-8	Sequence 8, Appli
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8	895	84.5	218	14	US-10-139-833-12	Sequence 12, Appl
9	895	84.5	218	14	US-10-302-554-2	Sequence 2, Appli
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11	895	84.5	218	16	US-10-679-201-6	Sequence 6, Appli
12	891	84.1	218	14	US-10-302-554-14	Sequence 14, Appl
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ALIGNMENTS

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; Sequence 3, Application US/09876790
; Publication No. US20030091532A1
; GENERAL INFORMATION:
; APPLICANT: SIMS, John E.
; APPLICANT: SMITH, Dirk E.
; APPLICANT: BORN, Teresa L.
; TITLE OF INVENTION: IL-1 ZETA, IL-1 ZETA SPLICE VARIANTS AND XREC2 DNAS AND POLYPEPT
; FILE REFERENCE: 2008-US
; CURRENT APPLICATION NUMBER: US/09/876,790
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/112,163
; PRIOR FILING DATE: 1998-12-14
; PRIOR APPLICATION NUMBER: 60/146,675
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: PCT/US99/29549
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-876-790-3

Query Match 85.6%; Score 906; DB 10; Length 192;
Best Local Similarity 100.0%; Pred. No. 4.7e-91;
Matches 171; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 13, Application US/10139833
; Publication No. US20030004106A1
; GENERAL INFORMATION:
; APPLICANT: Saris, Christiaan M.
; APPLICANT: Giles, Jennifer
; APPLICANT: Mu, Sharon X.
; APPLICANT: Xia, Min
; APPLICANT: Bass, Michael B.
; APPLICANT: Craveiro, Roger
; TITLE OF INVENTION: Interleukin-1 Receptor Antagonist-Related Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 00-1213-E
; CURRENT APPLICATION NUMBER: US/10/139,833
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: 60/170,191
; PRIOR FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 60/188,053
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/194,521
; PRIOR FILING DATE: 2000-04-04
; PRIOR APPLICATION NUMBER: 60/195,910
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 09/724,583
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-139-833-13

Query Match 85.6%; Score 906; DB 14; Length 192;
Best Local Similarity 100.0%; Pred. No. 4.7e-91;
Matches 171; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy         93 PILLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNML 152
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Db         82 PILLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNML 141

Qy        153 ESAAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAEMSPSEVSD 203
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Db        142 ESAAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAEMSPSEVSD 192
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RESULT 3
US-09-876-790-9
; Sequence 9, Application US/09876790
; Publication No. US20030091532A1
; GENERAL INFORMATION:
; APPLICANT: SIMS, John E.
; APPLICANT: SMITH, Dirk E.
; APPLICANT: BORN, Teresa L.
; TITLE OF INVENTION: IL-1 ZETA, IL-1 ZETA SPLICE VARIANTS AND XREC2 DNAS AND POLYPEPTI
; FILE REFERENCE: 2008-US
; CURRENT APPLICATION NUMBER: US/09/876,790
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/112,163
; PRIOR FILING DATE: 1998-12-14
; PRIOR APPLICATION NUMBER: 60/146,675
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: PCT/US99/29549
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 197
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-876-790-9

Query Match 85.2%; Score 902; DB 10; Length 197;
Best Local Similarity 91.5%; Pred. No. 1.4e-90;
Matches 172; Conservative 4; Mismatches 6; Indels 6; Gaps 1;

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Db         16 DWEKDEPQ------CCLEGPKVKNLNPKKFSIHDQDHKVLVLDSGNLIAVPDKNYIRPEI 69

Qy         76 FFALASSLSSASAEKGSPILLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESA 135
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Db         70 FFALASSLSSASAEKGSPILLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESA 129

Qy        136 RRPFIFYRAQVGSWNMLESAAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAE 195
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Db        130 RRPFIFYRAQVGSWNMLESAAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAE 189

Qy        196 MSPSEVSD 203
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Db        190 MSPSEVSD 197
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RESULT 4
US-09-788-963-6
; Sequence 6, Application US/09788963
; Patent No. US20020052473A1
; GENERAL INFORMATION:
; APPLICANT: YOUNG, PETER R.
; APPLICANT: McDONNELL, PETER C.
; APPLICANT: KUMAR, SANJAY
; TITLE OF INVENTION: INTERLEUKIN-1 HOMOLOGUE, MAT IL-1H4
; FILE REFERENCE: GP-70607-1C1
; CURRENT APPLICATION NUMBER: US/09/788,963
; CURRENT FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 09/293,625
; PRIOR FILING DATE: 1999-04-16
; PRIOR APPLICATION NUMBER: 09/452,140
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 198
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-788-963-6

Query Match 84.5%; Score 895; DB 9; Length 198;
Best Local Similarity 100.0%; Pred. No. 8e-90;
Matches 169; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db         30 PKVKNLNPKKFSIHDQDHKVLVLDSGNLIAVPDKNYIRPEIFFALASSLSSASAEKGSPI 89

Qy         95 LLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNMLES 154
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         90 LLGVSKGEFCLYCDKDKGQSHPSLQLKKEKLMKLAAQKESARRPFIFYRAQVGSWNMLES 149

Qy        155 AAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAEMSPSEVSD 203
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Db        150 AAHPGWFICTSCNCNEPVGVTDKFENRKHIEFSFQPVCKAEMSPSEVSD 198
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RESULT 5
US-09-788-963-2